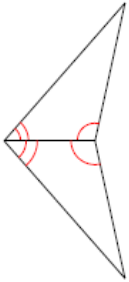


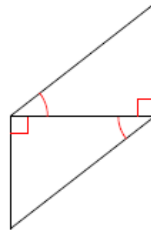
ASA and AAS Congruence

State if the two triangles are congruent. If they are, state how you know.

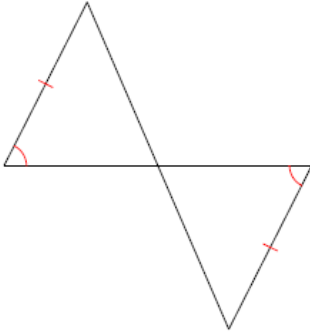
1)



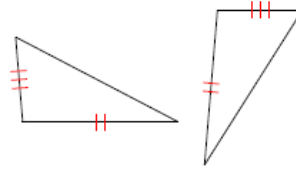
2)



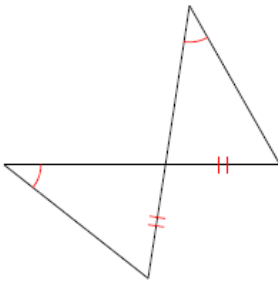
3)



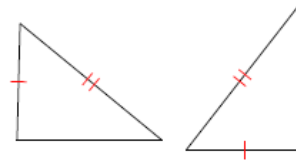
4)



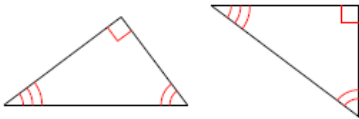
5)



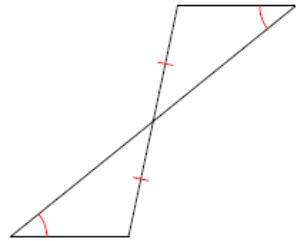
6)



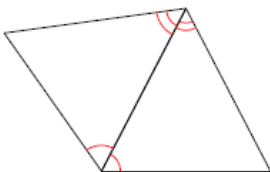
7)



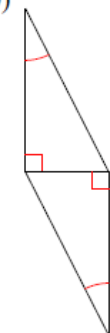
8)



9)



10)

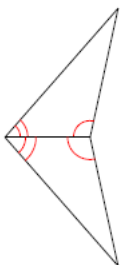


Answers

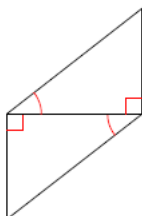
ASA and AAS Congruence

State if the two triangles are congruent. If they are, state how you know.

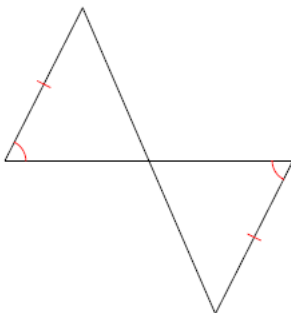
1) ASA



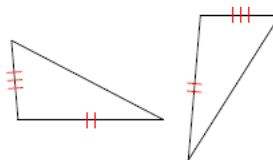
2) ASA



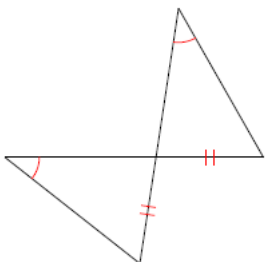
3) AAS



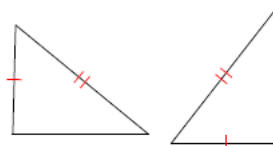
4) Not congruent



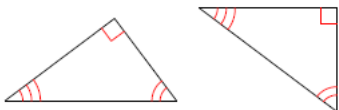
5) AAS



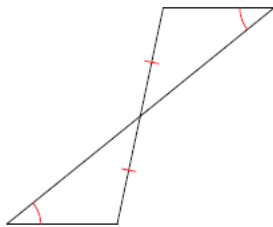
6) Not congruent



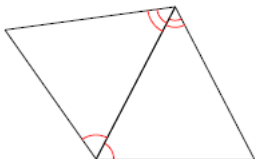
7) Not congruent



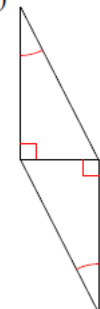
8) AAS



9) ASA

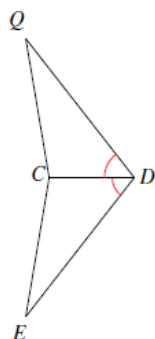


10) ASA

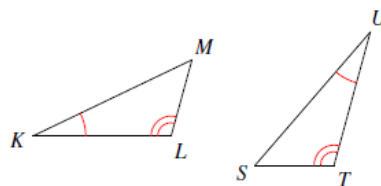


State what additional information is required in order to know that the triangles are congruent for the reason given.

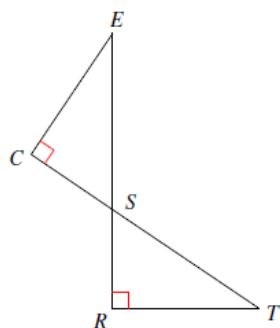
11) ASA



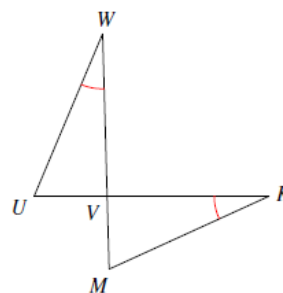
12) ASA



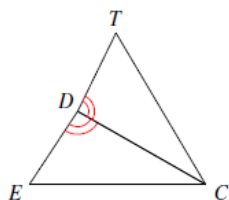
13) ASA



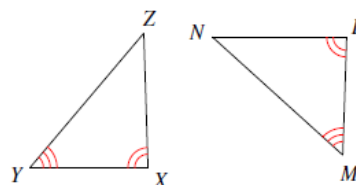
14) ASA



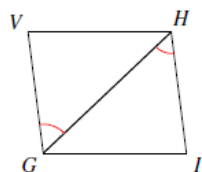
15) AAS



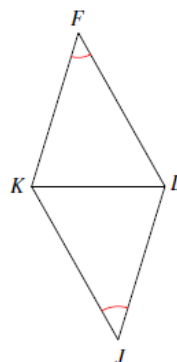
16) AAS



17) ASA



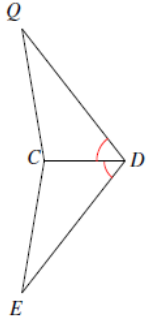
18) AAS



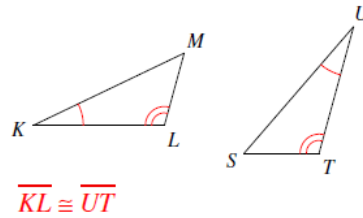
Answers

State what additional information is required in order to know that the triangles are congruent for the reason given.

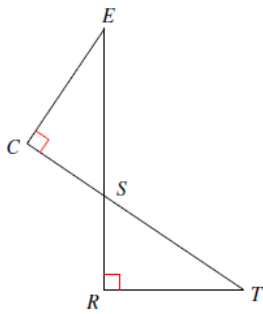
11) ASA $\angle ECD \cong \angle QCD$



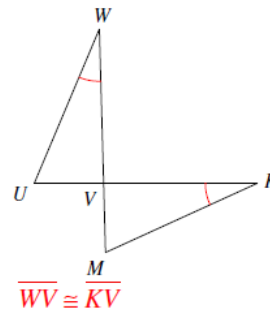
12) ASA



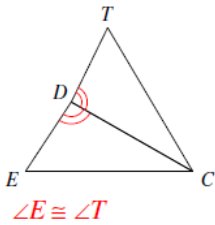
13) ASA $\overline{RS} \cong \overline{CS}$ or $\overline{TR} \cong \overline{EC}$



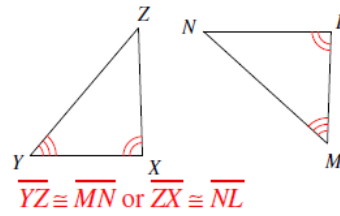
14) ASA



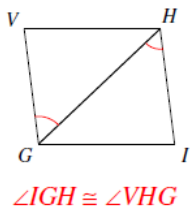
15) AAS



16) AAS



17) ASA



18) AAS

